







# MECHANICAL PLAN

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Sheet No.

# M3.01



- ① ELEVATE EXISTING LG CONDENSING UNIT TO 12" (MIN) ABOVE ROOF
- ② CONNECT NEW REFRIGERANT LINES TO OUTDOOR UNIT. REFER TO MANUFACTURERS INSTALLATION MANUAL.

① CONTRACTOR SHALL EXTEND EXISTING FEEDER TO RELOCATED EQUIPMENT DISCONNECT SWITCH AND EQUIPMENT TERMINAL LOCATIONS (MATCH EXISTING RACEWAY AND WIRING).

② GFI DUPLEX RECEPTACLE WITH WEATHERPROOF WHILE IN USE COVER. RECEPTACLE SHALL BE INDUSTRIAL GRADE, NEMA 5-20R.

1. NEW CIRCUIT BREAKERS SHALL BE BY CONTRACTOR. MATCH MANUFACTURER AND AIC RATING OF NEW 200A PANELBOARD; COORDINATE EXACT REQUIREMENTS WITH OWNER.
2. RACEWAY CONNECTIONS TO MOTORS AND OTHER VIBRATING EQUIPMENT SHALL BE WITH FLEXIBLE METAL CONDUITS (INDOORS) AND LIQUID TIGHT FLEXIBLE METAL CONDUITS OUTDOORS.
3. CONTRACTOR SHALL UPDATE PANELBOARD CIRCUIT CARD WITH NEW CIRCUIT INFORMATION; CIRCUIT CARD SHALL BE TYPED.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED CUTTING, CORING, AND PATCHING OF WALLS AND CEILINGS.

5. ELECTRICAL CONTRACTOR SHALL PROVIDE FIRE-RATED SEALANT FOR ALL PENETRATIONS THROUGH FIRE-RATED WALLS AND CEILINGS AS REQUIRED.
6. DISCONNECT SWITCHES SHALL BE RATED HEAVY-DUTY. INSTALL DISCONNECT SWITCHES TO ACHIEVE NEC REQUIRED WORKING CLEARANCES.
7. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NEC 2011, AND STATE/LOCAL AMENDMENTS.
8. COORDINATE PENETRATIONS THROUGH ROOF WITH MECHANICAL CONTRACTOR AND ROOF MANUFACTURER.